

# eBOX560-900-FL

Fanless Edge System with NVIDIA® Jetson™ TX2, HDMI 2.0, 2 GbE LAN, and USB 2.0

## Features

- NVIDIA® Jetson™ TX2 with Pascal™, 256 CUDA cores GPU
- High AI computing performance for GPU-accelerated processing
- Ideal for intelligent edge applications
- Supports M.2 KEY M 2280 NVMe SSD
- JetPack support
- Ultra-compact enclosure design

NVIDIA TX2 available through to 2025\*

The official end of life notice will be sent for at least 8 months before the last shipment.



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU Board	NVIDIA® Jetson™ TX2
CPU	HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2
GPU	NVIDIA® Pascal™, 256 CUDA cores
System Memory	1 x 8GB 128-bit LPDDR4@1866 MHz onboard
Carried Board	SBC87900
System I/O Outlet	1 x HDMI 2.0 with 4K2K supported 2 x 10/100/1000 Mbps Ethernet (NVIDIA® + Intel® i210-IT) 1 x USB 2.0 1 x 12 VDC power input connector 4 x SMA-type antenna connector
Watchdog Timer	Built-in Jetson™ TX2
Storage	Onboard 32GB eMMC (via Jetson™ TX2) 1 x M.2 Key M 2280 with PCIe 2.0 x4 NVMe SSD slot *The bootable device supported by eMMC only
Wireless Module	802.11ac WLAN, Bluetooth onboard with N Jack type antennas
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB + PCIe signal) *Either Mini PCIe connector or LAN Intel® i210-IT (Jumper Select) 1 x SIM slot
TPM	N/A
System Indicator	1 x Green LED for system power-on 1 x Green LED for storage
Power Supply	12 VDC screw type
Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Humidity	10% - 95%, non-condensing
Vibration Endurance	3 Grms with M.2 (5 to 500Hz, X, Y, Z directions)
Dimensions	141.6 mm (5.57") (W) x 106 mm (4.17") (D) x 55 mm (2.17") (H)
Weight (net/gross)	0.8 kg (1.76 lb)/1.5 kg (3.31 lb)
Certifications	CE, FCC Class A
OS Support	Linux Ubuntu 18.04

## Packing List

- 1 x Quick manual
- 1 x Screws pack
- 2 x Wi-Fi antenna



## Power Protection

### AC to DC adapter

- OVP (over voltage protection)
- OCP (over current protection)
- SCP (short circuit protection)
- UVP (under voltage protection)

## Ordering Information

### Standard

eBOX560-900-FL-DC	Fanless embedded system with NVIDIA® Jetson™ TX2, HDMI 2.0, 2 GbE LAN, USB 2.0 w/STD Jetpack image & Wi-Fi antenna (w/o adapter & power cord)
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### Optional

826K5601050E	Wall mount kit
8816K560AA0E	VESA arm kit
8816K560BA0E	DIN-rail kit kit
M.2 NVMe SSD	128GB or above
	LTE module
50966124050E	12V 60W power adapter
	Power cord

\* Specifications and certifications may vary based on different requirements.

## Dimensions

